Undergraduate Research Assistants Program

Faculty supervisor: Prof Thomas Coan x8-2497 coan@mail.physics.smu.edu
Student:
Start date of research: 31 Aug 2006
Wage: $12.00/hr.

Physics Simulation Software Development

I have immediate need for a student to port some existing physics simulation software from pascal to java, or comparable modern language. The software simulates a wide variety of modern physics processes (e.g., special relativity, lasers, nuclear and atomic physics) typically covered in PHYS 3305. This is an excellent opportunity to meld together physics with computer programming (and earn some money in the process). The ideal candidate would have some meaningful programming expertise and have taken PHYS 3305. Please contact me if you have questions or are even mildly curious.